GRC

The NASA Glenn Research Center Macintosh User Group

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If you missed our April meeting, here is a recap of what happened. It is always better to see these demos in person, of course, but at least this will give you an idea of what you missed!

Dawn Vincej announced the staged rollout of OS 9.04 to the users at Glenn. We will be going building by building, having a tech do the install. If you would like it sooner, however, please contact the Help Desk (4848) and put in your request.

What you need to do to get ready for this install is have all data on your hard drive backed up to a separate drive, or put in a folder on your desktop for a tech to back up. This is a precaution. We haven't lost any data yet! But, we don't want yours to be the first.

A form will be sent out via email before we come to your building that you must sign and have ready for the technician. We will bring blanks in case you forget. We are also attempting the monumental task of counting all the macintosh computers at Glenn, and these signed forms will help us in our quest.

Those that are on the refresh list will not be upgraded. Check with your POC to find out if you are scheduled for refresh, and to also make sure that you are scheduled to receive a MAC (not a PC).

Ward Souders demonstrated the future of the Mac software experience here on lab by setting up multiple users on the Lime iMac demo model we had for the meeting. If you have questions on how to do this, contact the Help Desk (4848) and they will forward the calls to the MAC team.

Lisa Madden demonstrated Sherlock and how to find files on your hard drive, by content (indexing the drive first), and on the internet. If you have OS 9 on your system, there are extra Sherlock channels on the Freeware/Shareware server. If you need help installing them, contact the Help Desk, who will forward

the call to the MAC team.

Ricaurte gave a small commentary about DP 3 of OS X. By the end of the summer, there wil be a public beta of OS X DP 4 available. Keep checking out the Apple web site.

Our next meeting is going to be held on Wednesday, May 31, in the TDC room in the RAC Building, from 10:00 a.m. until approximately noon. Apple Computer is returning to wow us some more with OS X demos, plus Absoft will be there to show us their new Fortran Compiler. We hope you can make it

—Lisa Madden, editor

basement that I lost the signal. We could put another station down there, as roaming is now a feature, but then again, why would anyone want to work down there!?

The next test was download speed. It is advertised as up to an 11Mbit connection speed. Well I was able to download at 8.9Mbit, which was not too shabby, as the network connection to the base station is only 10Mbit! I even got streaming video while walking about the building.

So at OAI, things worked out great. My next project was to set up my home base station. This time, the big difference was that I would be using the stationís built-in 56K modem to connect to Glenn via RAS (Remote Access Service).

The setup went a little more smoothly this time, as I had done it before, but there were some limitations to the modem option. First, you have to have an ISP that uses standard internet protocols, which means AOL is out. Next, unless you go into the base station and manually re-configure the settings, it will not support multiple ISPís. And finally, the modem takes a long time to dial!

For example, to connect to the RAS service, you set the modem to dial, and respond with userid, password and PPP. However getting connected the first time happens about 30% of the time, with most connections requiring 2 or 3 attempts. This does not happen using the powerbook internal modem, so it must be some airport glitch. However once connected, I have only been dropped twice, which is good.

Security was similar to the OAI setup, except that my userid and password had to be stored on the base station. But as my airport card is the only one able to connect, it is fairly secure.

One option I have not experimented with is that you can connect non-airport computers to the base station via an ethernet cable, and have them all using the base station modem to connect. In this respect the station functions as a router for all the computers, not just the airport enabled ones. You can even connect Microsoft machines that you have not had time to convert to linux yet. For shame.

"But", I hear you ask, "what is the benefit of these wireless networks?" And that is the strange thing. Having only had these devices for a couple of months, it is very difficult to envisage being without them, especially at home. I can be logged on to NASA anywhere in the house or garden, wherever the baby wants to be, or wherever I want to be. A deck chair, a sun umbrella, and a cooler, and I am ready to telecommute!

Let's Go Wireless!

By Andrew Norris

Wireless networking comes to Glenn.

Here are a few notes about my experiences with the Apple Airport wireless networking system.

The equipment: We have two of the new airport-compatable 500MHz powerbooks and two airport base stations: one at my home using a modem and one at work on the network.

The first thing I did was install the airport card into the powerbooks. This was rather a messy procedure as I had to flip open the keyboard, unscrew the heat shield, and then slide the card into the slot. However, the edge of the case intrudes into the airportís space, and so sliding the card in requires a lot of fiddling to get the card under the edge of the case and then seated onto the pins.

This was accomplished eventually. Then it was time to see how difficult the base stations are to set up.

One of the first things you notice about the base station is that it looks like a small flying saucer. It has phone, power, and ethernet ports in a recess at the back. At the front are three LEDís which indicate network activity, and a large apple logo. The bad news is that the apple does not glow, flash, hum, or do anything other than look pretty. But with a web cam at the right angle, you could bring the whole X-Files community to a lather over the ìNASA UFO web cam site!î.

I plugged the station into the network, and was ready for the next step.

Setting up is, however, not the typical Mac experience. This is partly because the provided documentation is not up to Appleís usual standard, with several omissions that do cause slip-ups.

Setting up for the first time requires a computer with the airport card. I just needed to configure the appletalk and TCP/IP control panels on the powerbook to the setting in the base station instructions. Next you fire up the airport admin. software and begin to configure the station. For the NASA network we chose to disable the airportís DHCP server, and give static IP addresses to each machine, and the airport. This means that anybody who attempts to connect to the airport would require to have a valid NASA IP address to even connect to the network. For additional security, you can set the base station to only accept specific airport cards (each has a unique id). Finally, you can turn on 40 bit encryption for password transmissions.

Having set these and given the station a password, I clicked save and then tried to connect with the admin. utility again. I could not get through. What was not spelled out in the online manual was that you need to connect to the airport first, and then use the admin. utility. After a while I figured that out and we were off and running.

First test was connectivity. We have the station set up on the 3rd floor in the OAI building, which has had quite a few problems with wireless devices due to all the steel in the frame and floors. But I wandered all over the building, computer in hand, and it was only in the

BBEdit 5.0.1

A power Text editor for those who know what they are doing

Reviewer: Melissa McGuire
Software: BBEdit 5.0.1

Company: Bare Bones Software
Contact: 781-687-0700,
Web Page: http://www.barebones.com/
Price: $119 (SRP), $39 upgrade, $79 competitive upgrade
Requirements: System 7.0 or later (System 7.5 recommended), 1.2MB of available RAM, CD-ROM drive

BBEdit has been around for nearly a decade and is still the best in text editors on the Macintosh. In glancing through web pages designed on or with a Macintosh, BBEdit ranks as the most popular of web authoring tools, with good reason. With the advent of html coding becoming more popular, Bare Bones has added even more html tools into it's already extensive toolbar.

A free version, BBEdit Lite 4.6, is available and offers a quick, no-nonsense editing application. You can get a demo of BBedit 5.0 and the full version of BBEdit Lite 4.6 at **http://www.barebones.com/free/free.html.** Additionally, now BBEdit Lite has it's own page at **http://www.barebones.com/free/free.html.** A special note here, both BBEdit Lite and BBEdit are **only** available on the Macintosh.

Installation on my beige G3/300 machine was a snap. Just insert the CD, double click on the installer, choose where you want to install it, and go. Aside from a preference file, nothing was installed into the system folder.

Some knowledge of html is necessary in order to use this text editor for web page authoring. This isn't a graphical web page designer like the simple tool bundled with Netscape Composer. However, the editor does offer color coding to automatically differentiate between html comments, code tags and text, etc.   The html tool palette floats and can be placed where you want it to be making the most of your screen real estate.

I have been using BBEdit to compose the new GMUG internal web pages [http://www.lerc.nasa.gov/WWW/AdvisoryGroups/MUG/] and have only scratched the surface of it's features. It allows for preview mode in your favorite browser through the click of a button. There is automatic link generation including file hierarchy through menu entries. You don't to remember how to write the correct file structure to get to your pictures to link them into the web page. BBEdit helps automate that process. There is even a built in syntax checker that allows for error checking in the code and can catch nonstandard html or potential problems that would make your pages incompatible with different browsers running different versions of the html language.

Because I am comfortable writing my own html code from scratch, or at least with a little help from a toolbar and palette based editor, I am enjoying using BBEdit as my only html text editor. I'd recommend it very strongly to anyone else interested in going the next step in composing their web pages. The built in tool palette, syntax checker, spell checker, and color coded styling are all impressive features for an editor. If you're going to be designing web pages, BBEdit, alone or in concert with a graphical based editor, makes a powerful design tool. I can't say enough good things about it.

Check out the following other reviews for more extensive comments and then check out BBEdit Lite for yourself as a trial.

See other reviews:
From MacAddict: **http://www.macaddict.com/news/reviews/1999_05_05.shtml**
From MacWorld: **http://macworld.zdnet.com/1999/03/reviews/bbedit.html**

Disclaimer:
All opinions here are mine and do not represent that of NASA or NASA Glenn Research Center. Feel free to direct any comments or questions to me at melissa.mcguire@grc.nasa.gov.

Palm Desktop Organizer v2.6

Reviewer:	Melissa McGuire
Software:	Palm Desktop Software v.2.6
Company:	Palm, Inc.
Web Page:	http://www.palm.com
Price:	Free (download)
Requirements:	• Apple Macintosh or compatible with a Power PC processor
	• Mac OS 7.5.3 or later
	• 20 MB free hard drive space
	• 6 MB free RAM

The numbers of users of Palm's handheld Personal Digital Assistants (PDA) are growing. Currently, Palm holds about 80% market share in the PDA world. Thankfully, Palm has always had Macintosh compatibility in mind in creating it's organizer software and hotsynching applications.

The most current version of the Palm Desktop Organizer, v 2.6.1, offers compatibility with Apple's latest OS update to 9.0.4 as well as additional USB support for synchronization with your Palm via the USB port. This is important news as the older iMacs and the current iBooks only offer USB as a hardware I/O solution instead of serial, SCSI or Firewire. If you're running the older version, see the link at the end of the article for the latest version and upgrade. The word at help sites like MacFixit.com, is that the problems with hotsynching under OS 9.0.4 are sporadic but it's still worth the free upgrade.

Even if you don't currently have a Palm (which I don't), or aren't even thinking about getting one, the free Palm Desktop Organizer offers a good software application for keeping an address book as well as calendar.

Installation, once you've downloaded the latest version from Palm's site, is a snap. It requires a restart since the install places an extension into your system folder. This little extension gives you an additional icon in the menu bar top right so you can reach the Palm Desktop as well as the hotsynch (for use with your Palm) at the drag of a mouse. So far, no troubles, but it's extensions like this that I always disable at the first sign of system troubles. A word to the wise.

The calendar and address book (called guest list) entry is simple. Large icons on a toolbar allow for data entry. The address book view can be altered and sorted on various criteria. You can even color code the entries in "business", "personal", "family" etc. color schemes. The birthdays you enter into the guest list profiles are automatically imported into the calendar application, complete with one week ahead reminders of an approaching birthday. The calendar can even be customized for different "faces" or looks. I currently have a beautiful rose pattern set for mine, but there are about 10 different choices.

Since I do not have a Palm myself (yet) I am only using this as an organizer. Someday, I hope, I'll be exploring the use of my new Palm with the iBook I reviewed in the April 2000 newsletter. Palms makes serial as well as USB connection kits for Macintosh users. The kits come with the Macintosh CD containing the Palm Desktop software and the appropriate cable for your connection type. As an aside, the Palm Organizer v2.5 was part of the iBook software bundle. So I had been using it there for a few months.

If you're looking for a simple organizer for your desktop computer, I'd give the free Palm Desktop Organizer software a try. It's easy to follow interface makes it simple to set up and simple to maintain.

For the latest Palm Desktop Organizer, v2.6.1, go to the following link:
http://www.palm.com/support/macintosh/palmdtmac.html

For the previous version, 2.5, go to this link:
http://palmsoftware.tucows.com/tucows_dlpdapilotpalmdtmac.html

All opinions here are mine and do not represent that of NASA or NASA Glenn Research Center. Feel free to direct any comments or questions to me at melissa.mcguire@grc.nasa.gov.

Synchronizing between Meeting Maker and Palm

by Rafael Sanabria

Givens/Recommendations before Proceeding

Meeting Maker provides 3 conduits - Dates, ToDo, and Contacts/Address Book.
Once you install these (MM conduits) the corresponding Palm conduits will be disabled.
I recommend ONLY enabling MM Dates and MM ToDo, thus leaving the Palm Contacts Conduit intact.

Meeting Maker is where you keep your calendar/appointments/meetings AND your To Do list; Meeting maker DOES NOT keep your Contacts/Address Book; the Palm Desktop Software will (IMHO it is better than Meeting Maker for keeping your Contacts)

Instructions to access the Net Software

You can find the software and instructions on the server "Flexns" in the "Public" share.

FOR PC:
Map a network drive to \\flexns\public

FOR MAC:
Connect to "Flexns" in the "LeRC CCNS Ether" AppleTalk Zone; Log in as a "Guest" Mount the "Public" volume
In "Public" you will see a "Meeting Maker" folder. In there is the software and instructions for Synchronizing Meeting Maker 6.02 with Palm Pilots for each platform. In here your will also find the latest version of the "Palm Desktop" software. Install this first if you don't have it; THEN install the MM conduits software.
Please note: In order for the Palm to sync with Meeting Maker, the user first MUST be running the "Palm Desktop" software (similar to Meeting Maker) and must already be synching successfully with the Palm Desktop software and their Palm Pilot.

Installation of MM Conduits

FOR PC:
Select all conduits except MM Address Book

FOR MAC:
Install the software into the "Palm" folder. The installer does this automatically.

Before synchronizing do the following steps:
• Open the Palm folder. There you will see a "Conduits" folder and a "Disabled Conduits" (if not, create one)
•Move the Datebook Conduit and the ToDo Conduit from the Conduits to the Disabled Conduits folder; move the MM Addr Conduit.PPC Conduit from the Conduits folder to the Disabled Conduits.

On both platforms:

Setup your MM Conduits by going to the ìSetup Conduitsî and opening up the MM Date Book Conduit. Enter all the required information as seen below replacing your own information (; the Server field is the same for all; the Days before and after is up to you! Remember the more days you select the longer the Synchronization will take (1-2 minutes every time you Hotsync).

On MAC:
You have to increased the memory partition for the Conduit Manager application inside the Palm folder to 6144!!!!

Conclusion/Exodus
If in doubt, check the Meeting Maker Support Web site at:

http://support.on.com/support/mmxp.nsf

We are running Meeting Maker 6.02 so ignore the references to the 6.04 version; **DO NOT USE 6.04 PALM CONDUITS!!!**

Troubleshooting Palm and Meeting Maker is at:

http://support.on.com/support/supphome.nsf/pages/60palmtrouble.html

One last thing!!!!!! ***Very important!!!!!*** Read the instructions!!!!! Actually, MM recommends you sync only from one machine to avoid multiple entries of events. I strongly recommend using the Label command in Meeting Maker in all your events/meetings/etc. Why? Because the Palm does not use them and IF you ever get duplicate entries, the ones from the Palm will be in plain old white with no label (assuming you Label things with fancy colors (). Thus, you can check in MM and delete the ones that are plain with no Label and keep the ones with Labels!

Explanation (I have to, you guys are engineers ():
Your desktop (PC or Mac) keeps a database that knows which event goes with MM and the Palm. Thus you have 3 databases: Palm, Meeting Maker, and your desktop. If you synchronize in another desktop there is no correlation between MM and the Palm so the new desktop creates duplicate records on both MM and the Palm: UGLY!!! If you go back to the first desktop and sync, you will have 3 or 4 instances of events: *VERY UGLY!!!*
Anyway, if you have any questions call me at 3-9331 or email at: Rafael.Sanabria@grc.nasa.gov

TIPS *and* TRICKS

Multiple Users Gotcha

If you've configured your Mac to use Mac OS 9's Multiple Users function, some of the folks accessing your Mac may have trouble running the latest versions of Internet Explorer, Microsoft Office, and Outlook Express if you, as the owner of the Mac, haven't already run these programs once. Here's why: The installers on these applications automatically install certain extensions when the applications are first run. If you haven't yet launched these applications or granted access to users to alter the contents of the System Folder these installers will be unable to do their job.

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Multiple Users and Energy Saver

You may have noticed that when using OS 9's Multiple Users function you, as owner, are unable to create Energy Saver start up and shut down schedules that stick — after restarting your settings are gone. This is to be expected if you're using the original Mac OS 9.

Apple has since issued an update that fixes the problem. The update is called Macintosh Manager 1.2 and can be found at **http://aus.info.apple.com.**

Menu Blinking Tip

You can speed up the time it takes a menu command to execute. Open the General Controls control panel and turn off the Menu Blinking option. Now the menus of your applications won't blink when you choose a command, and your Mac will carry out the command a little faster. If you like a little visual confirmation that you chose the correct command, you can set Menu Blinking to 1 instead of turning it off altogether.

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More Multiple Users Restrictions

Here's another reason for those who control Multiple User settings on Macs to plan carefully how these Mac are set up: If you designate someone a limited or panel user that user won't be able to configure the Startup Items or Shutdown Items folder.

This means that Panels users won't be able to use the Launcher at all and Limited users can use Launcher only if the Owner creates an alias of it in the Startup Items folder found inside the User's Folder.

If these users want Stickies to appear on startup, the Owner must create an alias of Stickies in the Startup Items folder (also in the User's Folder).

■ ■
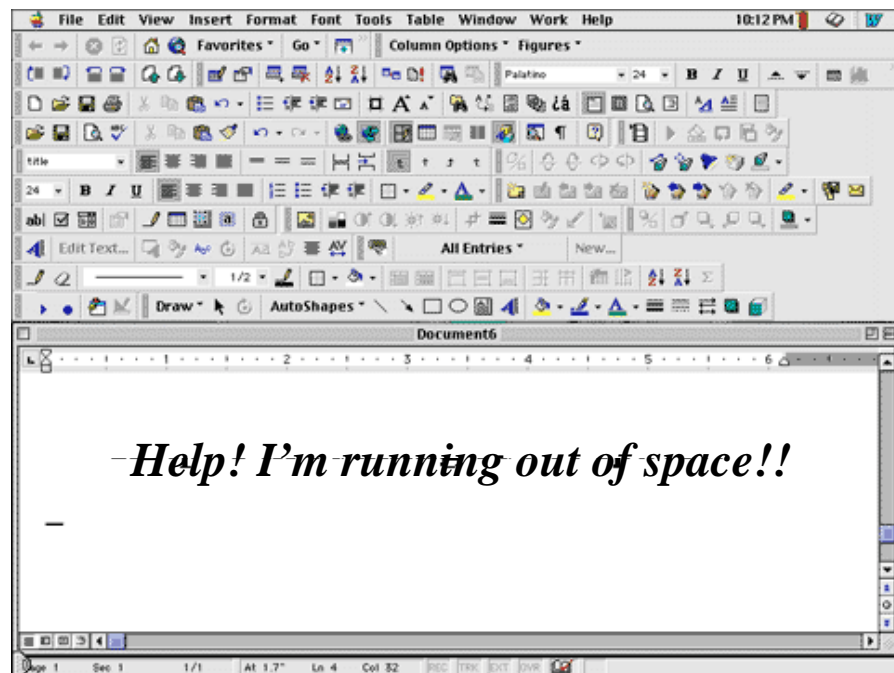
Palm's Hot-Sync and Mac OS 9.0.4 Don't Mix

If you have a Palm Pilot or Handspring PDA that you sync with your Mac via a serial or USB connection you'd be well advised to steer clear of Mac OS 9.0.4. The hot-sync function fails to work under OS 9.0.4 - even if it worked with previously installed versions of Mac OS 9. Palm Computing is reported to be working on a fix.

Adding custom menus to your Word documents

One of the best ways to make shortcuts and macros readily available when you're working in Microsoft Word is to display them in a toolbar. The problem is, as you add toolbars, you quickly begin to lose workspace. While the example in Figure A may seem a little exaggerated, you get the point—you need to limit your choice of toolbars. There's a fine line between making shortcuts available and maximizing your workspace. The solution is to add these shortcuts to a toolbar menu.

Figure A: Showing each of Microsoft Word's toolbars will decrease your workspace.

Word makes it easy to create a new menu that includes commands associated with a specific document or template. By adding a specialized menu to a template, you'll be more efficient when creating documents based on that template. Also, the menu only appears when you open the template or a document based on the template. In this article, we'll show you how to create a toolbar menu and attach it to a template.
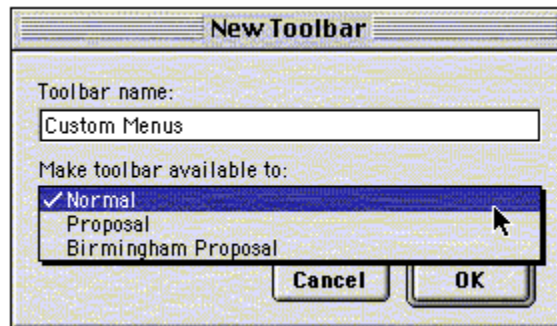
An overview

Word has an abundance of built-in commands that you can use to create a task-specific menu. For example, you can build a menu to streamline your work on expense reports if you're opening several menus and dialog boxes just to complete one report. Or perhaps you frequently work with protected forms, mail merges and data sources, edited documents (tracked changes/revisions), book chapters, tables of content, or indexes—just to name a few. Rather than hunting through multiple locations for the commands you need to quickly and accurately complete these types of tasks, put them all on one menu.

We'll begin by using the Customize command from the Toolbars submenu to create a toolbar. Then, we'll add a menu to that toolbar. Once we've got the menu, we'll show you how you can add and group commands, shortcuts, and macros to it.

Creating a new toolbar

To begin, launch Word and choose View>Toolbars>Customize. In the dialog box that appears, click the New button and name the toolbar. Notice that you can also attach this toolbar to a specific file, a template, or globally. If you want to make the new toolbar available globally (in all templates and documents), choose the Normal option from the Make Toolbar Available To pop-up menu, as shown in Figure B. When you've made your choice, click OK to dismiss the dialog box. Word will then display a small, empty toolbar.

Figure B: You can attach a toolbar to a file, a template, or globally so that it's available to all documents.

Adding a menu

Now it's time to add a menu to the toolbar. To do so, select the Commands tab in the Customize dialog box.

Then choose New Menu from the Categories list box, and select New Menu from the Commands list box and drag it up to the menu bar. When you release the mouse button, Word creates a menu on the toolbar, as shown in Figure C (You can also use this technique to add a menu to existing toolbars.)

Figure C: You now have an empty menu on the toolbar.

Before we proceed, let's change the default name of the menu. Since, for this example, we're going to addstyles to the menu, let's rename the menu Style. To do so, click on the Modify Selection button in the Customize dialog box and enter the new name, as shown in Figure D. Now, when you close the pop-up menu,Word renames the menu.

Figure D: Rename the new menu in the Customize dialog box.

Adding commands

A menu's no good if it doesn't contain anything to choose from, so let's begin adding styles. To do so, select Styles from the Categories list box of the Customize dialog box. Then, choose one of the styles from the Commands list box and drag it onto the Style menu. When you do, you'll notice a blank pop-up menu appears just below the word Style, as shown in Figure E. When you release the mouse button, Word stores the style choice in the menu. (Be careful not to drop the command on the new menu title, otherwise the command will appear as its own icon.) A vertical I-beam appears to the left of the command name to indicate its placement. Should you wish to change the name of the menu option, you can do so by simply selecting the item and then entering the new name in the Name field of the Modify Selection pop-up menu.

Figure E: Adding menu options to your toolbar is as simple as drag and drop.

Repeat the above step for any other commands you wish to add to the menu. When you drag a command to the menu, Word indicates where it will add the item by displaying a horizontal I-beam on the menu as you move your mouse over it.

Tweaking the menu

To make your menu easy to use, divide its major sections with separator lines. To add one, simply select the menu item you wish to divide from the rest of the menu and choose Begin A Group from the Modify Selection pop-up menu. A separator line now appears in the menu.

You can also add graphics to your menu commands. Simply select the appropriate menu option and then choose a graphic from the Modify Selection menu's Change Button Image command. When you've finished, the graphic will appear to the left of the command, as shown in Figure F.

Figure F: You can even add graphics to your menu options.

Deleting commands and more

After creating your custom menu, you may decide you no longer need a command you added. Should that be the case, simply open the Customize dialog box and select the appropriate toolbar. Then scroll down to the item you wish to remove and drag it onto the desktop. Word will then remove it from the menu. Want to delete the entire menu from the toolbar? No problem—simply drag the entire menu onto the desktop.

Conclusion

With a simple technique and a few minutes of your time, you can create custom menus for almost any sort of task you frequently complete. With a specialized menu, the commands are readily available so you can spend more time working and less time hunting for misplaced menu items.

Macintosh Equipment for Sale

I have Several Macintosh systems and many accessories for sale. While these units are hardly high-end anymore, they are still ideal for word processing, personal databases, keeping in touch via email, casual web browsing, and many other uses. In short, they provide mobile computing for people on a budget.

All units are in good condition with PPP, Web, FTP, E-mail, and news applications pre-installed.   In addition, various applications, games, and utilities will be included for evaluation. Batteries included will have a minimum 15 minutes of usage capacity.

Purchase terms are prepayment or UPS COD. Prices may be negotiable with the purchase of multiple pieces. All items will be re-tested before shipment. All items will be sent insured. Unless otherwise negotiated, all shipping charges will be added to the cost of the COD.

For local parties in the N.E. Ohio area, I will offer delivery, setup, and configuration for your internet service provider, at no additional charge.

Send inquiries to **sailbad_the_sinner@putinbay.com** or call 216-849-8468

POWERBOOK 1400CS

Unit has 16MB RAM, 1GB HD, Floppy, CD ROM, Video Out, Battery (fair) AC power adapter. G3 Upgradeable. Asking $525.00 OBO

POWERBOOK 5300CS

Unit 1 - has 16MB RAM, 500 or 750MB HD, Floppy, Decent Battery AC $350.00

Unit 2 - Has 8MB RAM, 500MB HD, Floppy, AC, does not seem to work off of the battery. $175.00

POWERBOOK DUO 230s

PB Duo 230 w 12/120/14.4 external modem/Battery/AC - $190.00*
PB Duo 230 w 18/120/14.4 internal modem/Battery/AC - $220.00*

*A Duo Dock I with color monitor and keyboard can be added for $90.00 more making the Duo a complete desktop system, with color video, increased input capabilities and SCSI expansion.

POWERBOOK 1xx Series

PB 140 with 8/160/9600 internal modem /Battery/AC - $16000
PB 170 with 8/120/9600 internal modem /Battery/AC - $175.00
PB 150 with 16/120/14.4 internal Modem /Battery/AC NR? $100.00

MACINTOSH DESKTOP SYSTEMS

Centris 610 w 8/160/10BaseT CPU/Monitor/Keyboard - $120.00
SE/30 with 16/300/10BaseT CPU/Monitor/Keyboard - $110.00

ACCESSORIES (Prices if purchased with a PB or Desktop)

HP DeskJet 340C (color) w B&W cartridge, and cable - $125.00
Apple StyleWriter I (B&W) w B&W cartridge and cable - $40.00
Apple StyleWriter II (B&W) w B&W cartridge and cable - $50.00
Apple StyleWriter 2200 (Color) w B&W cartridge and cable - $70.00
Apple Personal LaserWriter 300 - $125.00
Best Data 33.6Kbps modem with Apple Cable - $30.00
Diamond Supra 56kbps external modem - $65.00
Global Village internal 14.4Kpbs modem for powerbooks - $20.00
12v adapter/charger for DUO PowerBooks $30.00
PCMCIA 10BaseT Ethernet cards for Mac or PC - $35.00 ea

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MISC. MAC ACCESSORIES

2 ALPS GlidePoint ADB mouse-like devices - $12.00 ea
Older Asante 8 port 10BaseT Hub (not FriendlyNet) - $30.00
External 750MB SCSI HD - $60.00
External 1.2GB SCSI HD - $85.00
External Drive enclosure with a 2gig Full height 5.25" drive $80.00
One Radius Rocket 68040/25 for Mac II series (IIx, IIci, IIcx, IIfx) - $30.00

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MISC PC ACCESSORIES

DLink PCI 10/100BaseT ethernet card - $10.00
IR keyboard w/Ipoint (uses PS2 & Serial mouse ports) $35.00
PCMCIA 10BaseT Ethernet cards for Mac or PC - $40.00 ea
PCMCIA composite video out cards Never used - $60.00 ea

"Robert P. Dimond" <bdimond@grc.nasa.gov>

MUG Center: new web resource for Mac User Groups!

The MUG Center, in association with The Mac Show and The Hershey Apple Core, is pleased to announce the Web's newest resource for Macintosh User Groups!

The MUG Center is a central clearinghouse for the many resources available to Macintosh User Groups (MUGs) and their members. While there are many great Mac sites out there, and more than one with a User Group focus, there has not been a focal point for these resources...until now.

The MUG Center offers information for and about Macintosh User Groups from all perspectives. Part-portal, with links to a wide variety of resources, part-original content, with articles, essays, and more, all focused squarely on the MUG community, the MUG Center helps User Groups do more and do it better.

New to the Macintosh User Groups? You can find one near you, or learn how to start your own. Already involved in a MUG? Use this site to get new ideas, or contribute your tips, tricks and successes to our archives.

The resources and archives will be built through a series of focus projects. User Group enthusiasts and interested parties are invited to join the mailing list, and contribute either original material to be hosted on the site, or links to your original material on your site.

Visit The MUG Center now and participate in the first project/contest, the design of the MUG Center logo.

Contact:
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Links:

MUG Center
http://www.mugcenter.com

The Mac Show
http://www.macshowlive.com

Hershey Apple Core
http://www.hersheyapplecore.com

WANTED

An article by you for the GRApple Newsletter.
Send all reviews, tips, articles, to
Lisa Madden, Editor at:
Lisa.Madden@grc.nasa.gov

Don't make me come lookin' fer ya.

✔ CHECK THESE OUT!!

CE QuickKeys, updated to version 5.0b2
http://www.cesoft.com/qkmac5.html

PowerMail, updated to version 3
http://www.ctmdev.com/

Extension Overload, updated to version 5.0
http://www.ExtensionOverload.com/

Forward Delete released (extension adds X> to Mac keyboard)
http://www.newrenaissance.ibs.ee/forwarddelete/

Extension Wizard released (opens many unknown files)
http://www.CajunSoftware.com/extensionwizard/

iCab, updated to version 2.0
http://www.icab.de/download.html

iBook, PowerBook, Cinema Display browser throbbers (oh my!)
http://homepage.mac.com/pkelleher/throbbers.html

QuarkXPress, updated to version 4.11
ftp://ftp2.quark.com/xpress/updaters/mac/4.11/

FerazEdit, (saved game editor) updated to version 1.1
http://software.theresistance.net/

Kineticon, updated to version 1.7
http://www.kineticcreations.com/kineticon/

Apple FireWire drivers, updated to version 2.3.3
http://asu.info.apple.com/swupdates.nsf/artnum/n11632

Grammarian, updated to version 2.1
http://www.casadyg.com/products/grammarian/default.html

Spell Catcher, updated to version 8.1.2
http://www.spellcatcher.com/8/getit/update.html